

9

Data of Experiment on Acute Toxicity of Shuanghuanglian Oral Liquid

**The Research Institute, Second Traditional Chinese
Medicine Factory of Harbin**

Experimental materials

1. **Medicine:** Shuanghuanglian Oral Liquid, produced by Harbin Huili Drug Company limited. Lot No. 950912.

Function and indications: Cool and reduce swelling, antipyretic, detoxicate, relief fever, coughs and sore throat.

Directions: Take this medicine 20ml each time orally, three times a day. Children need to reduce dose or follow doctor's prescription.

Standards: Each 10ml equal to 15g raw medicine.

Animals: Give this medicine to five male and five female mice, weight 19-21g each.

2. **Animals:** Mice, provided by Animal House of Heilongjiang Tumor Research Institute.

Methods and result:

1) Pre-experiment

Taking ten mice, weight 19-21g, half males and half females, Pour medicine down to their stomachs. 0.8ml/mice.

The result of observation: The mice were still alive in seven days and did not have any abnormal phenomena, not measure LD50 could be detected.

2) Measurement of the greatest endurance

Give this medicine to weight 18-22g, five male and five female mice, pouring medicine down to their stomachs. 1ml for each and give them 3 times in 24 hours. (At the greatest concentration and the greatest volume)

The result of observation: The mice didn't have any abnormal phenomena when giving the medicine at first time. But at the second time, the animals became quiet and were not as active as before. At the third time, the animals still were not active, no other abnormal phenomena. Next day they resumed their normal activities. The scientists didn't find any died animals in seven days. This time the dose was 150ml/kg, equals to raw medicine 225g/kg, was the 125 times in clinical.

A brief sum-up:

It is safe to take Shuanghuanglian Oral Liquid orally.

The greatest endurance of mice is not lower than raw medicine
225g/kg, equals to 125 times in clinical for human.